

EEEEEEEEEEEEEEEE	DDDDDDDDDDDDDD	TTTTTTTTTTTTTTTT
EEEEEEEEEEEEEEEE	DDDDDDDDDDDDDD	TTTTTTTTTTTTTTTT
EEEEEEEEEEEEEEEE	DDDDDDDDDDDDDD	TTTTTTTTTTTTTTTT
EEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEEEEEEEEEEEEE	DDD	TTT
EEEEEEEEEEEEEE	DDD	TTT
EEEEEEEEEEEEEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEE	DDD	TTT
EEEEEEEEEEEEEEEE	DDDDDDDDDDDDDD	TTT
EEEEEEEEEEEEEEEE	DDDDDDDDDDDDDD	TTT
EEEEEEEEEEEEEEEE	DDDDDDDDDDDDDD	TTT

```

LL          IIIIII          SSSSSSSS
LL          IIIIII          SSSSSSSS
LL          II             SS
LL          II             SS
LL          II             SS
LL          II             SS
LL          II             SSSSSS
LL          II             SSSSSS
LL          II             SS
LL          II             SS
LL          II             SS
LL          II             SS
LL          II             SSSSSS
LLLLLLLLLL IIIIIIII          SSSSSSSS
LLLLLLLLLL IIIIIIII          SSSSSSSS

```

```
0001 0 %TITLE 'EDT$SCRREV - reverse video screen mode'
0002 0 MODULE EDT$SCRREV ( ! Reverse video screen mode
0003 0 IDENT = 'V04-000' ! File: SCRREV.BLI Edit: JBS1003
0004 0 ) =
0005 1 BEGIN
0006 1
0007 1 *****
0008 1 *
0009 1 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY *
0010 1 * DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS. *
0011 1 * ALL RIGHTS RESERVED. *
0012 1 *
0013 1 * THIS SOFTWARE IS FURNISHED UNDER A LICENSE AND MAY BE USED AND COPIED *
0014 1 * ONLY IN ACCORDANCE WITH THE TERMS OF SUCH LICENSE AND WITH THE *
0015 1 * INCLUSION OF THE ABOVE COPYRIGHT NOTICE. THIS SOFTWARE OR ANY OTHER *
0016 1 * COPIES THEREOF MAY NOT BE PROVIDED OR OTHERWISE MADE AVAILABLE TO ANY *
0017 1 * OTHER PERSON. NO TITLE TO AND OWNERSHIP OF THE SOFTWARE IS HEREBY *
0018 1 * TRANSFERRED. *
0019 1 *
0020 1 * THE INFORMATION IN THIS SOFTWARE IS SUBJECT TO CHANGE WITHOUT NOTICE *
0021 1 * AND SHOULD NOT BE CONSTRUED AS A COMMITMENT BY DIGITAL EQUIPMENT *
0022 1 * CORPORATION. *
0023 1 *
0024 1 * DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE OR RELIABILITY OF ITS *
0025 1 * SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL. *
0026 1 *
0027 1 *****
0028 1
0029 1
0030 1 ++
0031 1 FACILITY: EDT -- The DEC Standard Editor
0032 1
0033 1 ABSTRACT:
0034 1
0035 1 This module makes sure the screen is in reverse video.
0036 1
0037 1 ENVIRONMENT: Runs at any access mode - AST reentrant
0038 1
0039 1 AUTHOR: Bob Kushlis, CREATION DATE: September 8, 1979
0040 1
0041 1 MODIFIED BY:
0042 1
0043 1 1-001 - Original. DJS 12-Feb-1981. This module was created by
0044 1 extracting the routine EDT$SC REVID from module SCREEN.
0045 1
0046 1 1-002 - Regularize headers. JBS 13-Mar-1981
0047 1
0048 1 1-003 - Improve the appearance of the listing. JBS 17-Jun-1983
0049 1
```

```
.. 51 0050 1 XSBTTL 'Declarations'
.. 52 0051 1
.. 53 0052 1 TABLE OF CONTENTS:
.. 54 0053 1
.. 55 0054 1
.. 56 0055 1 REQUIRE 'EDT$SRC:TRAROUNAM';
.. 57 0494 1
.. 58 0495 1 FORWARD ROUTINE
.. 59 0496 1 EDT$SC_REVID : NOVALUE;
.. 60 0497 1
.. 61 0498 1
.. 62 0499 1 INCLUDE FILES:
.. 63 0500 1
.. 64 0501 1
.. 65 0502 1 REQUIRE 'EDT$SRC:EDTREQ';
.. 66 0637 1
.. 67 0638 1
.. 68 0639 1 MACROS:
.. 69 0640 1
.. 70 0641 1 NONE
.. 71 0642 1
.. 72 0643 1 EQUATED SYMBOLS:
.. 73 0644 1
.. 74 0645 1
.. 75 0646 1 BIND
.. 76 0647 1 REV_VIDEO = UPLIT (XSTRING (XCHAR (ASC_K_ESC), '[7m']));
.. 77 0648 1
.. 78 0649 1 LITERAL
.. 79 0650 1 REV_VIDEO_LEN = 4;
.. 80 0651 1
.. 81 0652 1
.. 82 0653 1 OWN STORAGE:
.. 83 0654 1
.. 84 0655 1 NONE
.. 85 0656 1
.. 86 0657 1 EXTERNAL REFERENCES:
.. 87 0658 1
.. 88 0659 1 In the routine
```

```

90 0660 1 XSBTTL 'EDTSSC_REVID - reverse video the screen'
91 0661 1
92 0662 1 GLOBAL ROUTINE EDTSSC_REVID ! Make sure the screen is in reverse video
93 0663 1 : NOVALUE =
94 0664 1
95 0665 1 ++
96 0666 1 FUNCTIONAL DESCRIPTION:
97 0667 1
98 0668 1 This routine makes sure the screen is in reverse video mode. Check
99 0669 1 the flag, and if it is not, output the sequence to set reverse video
100 0670 1 and set the reverse flag.
101 0671 1
102 0672 1 FORMAL PARAMETERS:
103 0673 1
104 0674 1 NONE
105 0675 1
106 0676 1 IMPLICIT INPUTS:
107 0677 1
108 0678 1 EDTSSG_REVID
109 0679 1 EDTSSG_TI_TYP
110 0680 1
111 0681 1 IMPLICIT OUTPUTS:
112 0682 1
113 0683 1 EDTSSG_REVID
114 0684 1
115 0685 1 ROUTINE VALUE:
116 0686 1
117 0687 1 NONE
118 0688 1
119 0689 1 SIDE EFFECTS:
120 0690 1
121 0691 1 NONE
122 0692 1
123 0693 1 --
124 0694 1
125 0695 2 BEGIN
126 0696 2
127 0697 2 EXTERNAL ROUTINE
128 0698 2 EDTSSFMT_LIT;
129 0699 2
130 0700 2 EXTERNAL
131 0701 2 EDTSSG_REVID, ! is reverse video on?
132 0702 2 EDTSSG_TI_TYP; ! Terminal type.
133 0703 2
134 0704 2 IF (.EDTSSG_TI_TYP EQL TERM_VT100)
135 0705 2 THEN
136 0706 2
137 0707 2 IF (.EDTSSG_REVID EQL 0)
138 0708 2 THEN
139 0709 2 BEGIN
140 0710 2 EDTSSFMT_LIT (REV_VIDEO, REV_VIDEO_LEN);
141 0711 2 EDTSSG_REVID = 1;
142 0712 2 END;
143 0713 2
144 0714 1 END; ! of routine EDTSSC_REV
```

EDTSSCRREV
V04-000

EDTSSCRREV - reverse video screen mode
EDTSSC_REVID - reverse video the screen

N 9
16-Sep-1984 01:42:00
14-Sep-1984 12:24:37

VAX-11 Bliss-32 V4.0-742
DISK\$VMSMASTER:[EDT.SRC]SCRREV.BLI;1

Page 4
(3)

```

;
.TITLE EDTSSCRREV EDTSSCRREV - reverse video screen mo
.IDENT \V04-000\
.PSECT _EDT$CODE,NOWRT, SHR, PIC,2
        6D 37 5B 1B 00000 P.AAA: .ASCII <27>\[7m\
REV_VIDEO= P.AAA
        .EXTRN EDTSSFMT_LIT, EDTSSG_REVID
        .EXTRN EDTSSG_TI_TYP
        .ENTRY EDTSSC_REVID, Save R2
52 00000000G 00 9E 00002 MOVAB EDTSSG_REVID, R2
02 00000000G 00 D1 00009 CMPL EDTSSG_TI_TYP, #2
        13 12 00010 BNEQ 1$
        62 D5 00012 TSTL EDTSSG_REVID
        0F 12 00014 BNEQ 1$
        04 DD 00016 PUSHL #4
        E1 AF 9F 00018 PUSHAB REV_VIDEO
00000000G 00 02 FB 0001B CALLS #2, EDTSSFMT_LIT
        62 01 D0 00022 MOVL #1, EDTSSG_REVID
        04 00025 1$: RET
; 0662
; 0704
; 0707
; 0710
; 0711
; 0714
```

; Routine Size: 38 bytes, Routine Base: _EDT\$CODE + 0004

```

; 145      0715 1
; 146      0716 1 !<BLF/PAGE>
```

EDT\$SCRREV
V04-000

EDT\$SCRREV - reverse video screen mode
EDT\$SSC_REVID - reverse video the screen

B 10
16-Sep-1984 01:42:00
14-Sep-1984 12:24:37

VAX-11 BLISS-32 V4.0-742
DISK\$VMSMASTER:[EDT.SRC]SCRREV.BLI;1 Page 5
(4)

: 148 0717 1 END
: 149 0718 1
: 150 0719 0 ELUDOM

! of module EDT\$SCRREV

PSECT SUMMARY

Name	Bytes	Attributes
_EDT\$CODE	42	NOVEC,NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)

Library Statistics

File	----- Total	Symbols Loaded	----- Percent	Pages Mapped	Processing Time
\$255\$DUA28:[EDT.SRC]EDT.L32;1	377	2	0	40	00:00.2
\$255\$DUA28:[EDT.SRC]PSECTS.L32;1	2	1	50	7	00:00.1

COMMAND QUALIFIERS

BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACEBACK/LIS=LIS\$:SCRREV/OBJ=OBJ\$:SCRREV MSRC\$:SCRREV.BLI/UPDATE=(ENH\$:SCRREV)

: Size: 38 code + 4 data bytes
: Run Time: 00:09.3
: Elapsed Time: 00:11.2
: Lines/CPU Min: 4663
: Lexemes/CPU-Min: 12447
: Memory Used: 55 pages
: Compilation Complete

0139

AH-BT13A-SE
VAX/VMS V4.

DIGITAL EQUIPMENT CORPORATION
CONFIDENTIAL AND PROPRIETARY